

The following claims are presented for examination:

1. (previously presented) A drug delivery device comprising:
a drug;
a wire mesh intravascular stent having a blood-contacting surface; and
a stent insert comprising a helical formation, made from a polymer, on the blood
contacting surface, the helical formation comprising at least one fin and having a helix angle
of between 8° and 20° and being capable of inducing helical flow of blood flowing past the
helical formation, and the drug being releasably associated with the helical formation of the
stent insert.

2. (currently amended) [[A]] The drug delivery device according to claim 1
wherein the drug is mixed into the polymer from which the helical formation is made.

3. (currently amended) [[A]] The drug delivery device according to claim 1
wherein the drug is coated onto the surface of the helical formation.

Claims 4-16 (cancelled)

17. (currently amended) [[A]] The drug delivery device according to claim 1
wherein the polymer is a polymer foam.

18. (currently amended) [[A]] The drug delivery device according to claim 1
wherein the polymer is selected from the group consisting of: polyamide, polyester, and
polyurethane.

19. (currently amended) [[A]] The drug delivery device according to claim 1
wherein the drug is bound onto the cellular structure of the polymer.

20. (currently amended) [[A]] The drug delivery device according to claim 1
wherein the drug is selected from the group consisting of: an anticoagulant, an antiplatelet
agent, an angiogenesis inhibitor, a cyclooxygenase inhibitor, a gene therapy agent, and a
mixture of two or more of said drugs.

21. (currently amended) [[A]] The drug delivery device according to claim 1
wherein the intravascular stent **insert** is a stent graft.

22. (currently amended) [[A]] The drug delivery device according to claim 1 wherein the drug delivery device further comprises a sleeve positioned surrounding and/or within the intravascular stent.

23. (currently amended) [[A]] The drug delivery device according to claim 22 wherein the sleeve is made from expanded PTFE.

24. (cancelled)

25. (currently amended) [[A]] The drug delivery device according to claim 1 wherein at least one further drug is provided releasably associated with the helical formation.

Claims 26 and 27. (cancelled)

28. (currently amended) [[A]] The drug delivery device according to claim 1 wherein the at least one fin has the shape of a right-angle triangle in cross-section.

29. (currently amended) [[A]] The drug delivery device according to claim 1 wherein the at least one fin has the shape of an isosceles triangle in cross-section.

30. (currently amended) [[A]] The drug delivery device according to claim 1 where the at least one fin has the shape of a bell in cross-section.

Claims 31 and 32. (cancelled)